

5.0 IMPLEMENTATION AND PROCEDURES

5.1 Notification

Several methods of notification were used to invite interested parties to participate in the development of this plan. Initially, personal contact was made by the "convenor" to all of the major State agency communications users in the State of North Dakota. Announcements were made at various group meetings such as the North Dakota Peace Officers Association, and letters were sent to all public safety agencies in the State of North Dakota.

Supplemental to the personal contact, advertisements were placed in State-wide newspapers several weeks prior to the initial meeting. Several announcements were printed on the North Dakota Crime Information Teletype network. All APCO Chapter members and a large number of other interested parties who had requested notification were sent letters of invitation. (SEE APPENDIX B)

During the initial meeting, names, addresses and telephone numbers of those individuals present who wished to either participate in the planning process, or who wanted to be kept informed on the progress of the planning effort were taken. These individuals or agencies were sent all announcements for meetings and bulletins of progress.

When the work on the plan was completed, a final planning committee meeting was called. This meeting was held at the State Radio EOC Conference Room, Bismarck, North Dakota, on December 15, 1992. Each member of the planning committee had been sent a draft copy of the plan for review prior to this meeting. A vote on the final draft was taken at this meeting. As with the formation of the committee, a public notice was placed in five newspapers announcing the completion of the plan and the intention to file with the Federal Communications Commission.

This same announcement was also run over the North Dakota Computer Network.

5.2 Frequency Allocation Process

The method used for "packing" Region 32 was the APCO computerized method. The approximate geographical location for the center of each county, in latitude and longitude, were provided along with the environmental type of the county and the approximate radius to cover the county lines. Along with this information, a list of frequencies to block along the adjacent region's border was included. The actual assignment of frequencies is for four (4) channel-pairs per county.

This allocation is the minimum and only applies to counties with a population of 10,000 or less. One additional channel is allocated for each additional 10,000 of population. The state of North Dakota has reserved 70 channels State-wide. This leaves a reserve pool of channels for future assignment.

5.3 Frequency Allocation

Below is the data, or packing plan generated by APCO via the computerized packing program. The first section is county by county information provided. followed by the packing

628	Stutsman \
629	Billings \ Morton \
630	Cass \
631	Burleigh \
640	Kidder \ Bowman \ McKenzie \
641	Mercer \ Griggs \ Dickey \ Sioux \
642	Kidder \ McKenzie \
644	Stutsman \ Stark \
645	Sheridan \
646	Ransom \ Stark \
647	Foster \
648	Billings \ Morton \ Cass \
649	Burleigh \
660	Steele \ Sargent \ Kidder \ Bowman \ McKenzie \
661	Sioux \
662	Oliver \ Stutsman \ Slope \
663	Richland \
664	Stutsman \ Stark \
665	Traill \ Sheridan \
666	Golden Valley \ LaMoure \ Grant \
668	Billings \ Morton \ Burleigh \ Barnes \ Logan \ Dunn \
670	Burleigh \
678	Steele \ Sargent \ Kidder \ Bowman \ McKenzie \
679	Sioux \
680	Oliver \ Stutsman \ Slope \
681	Richland \

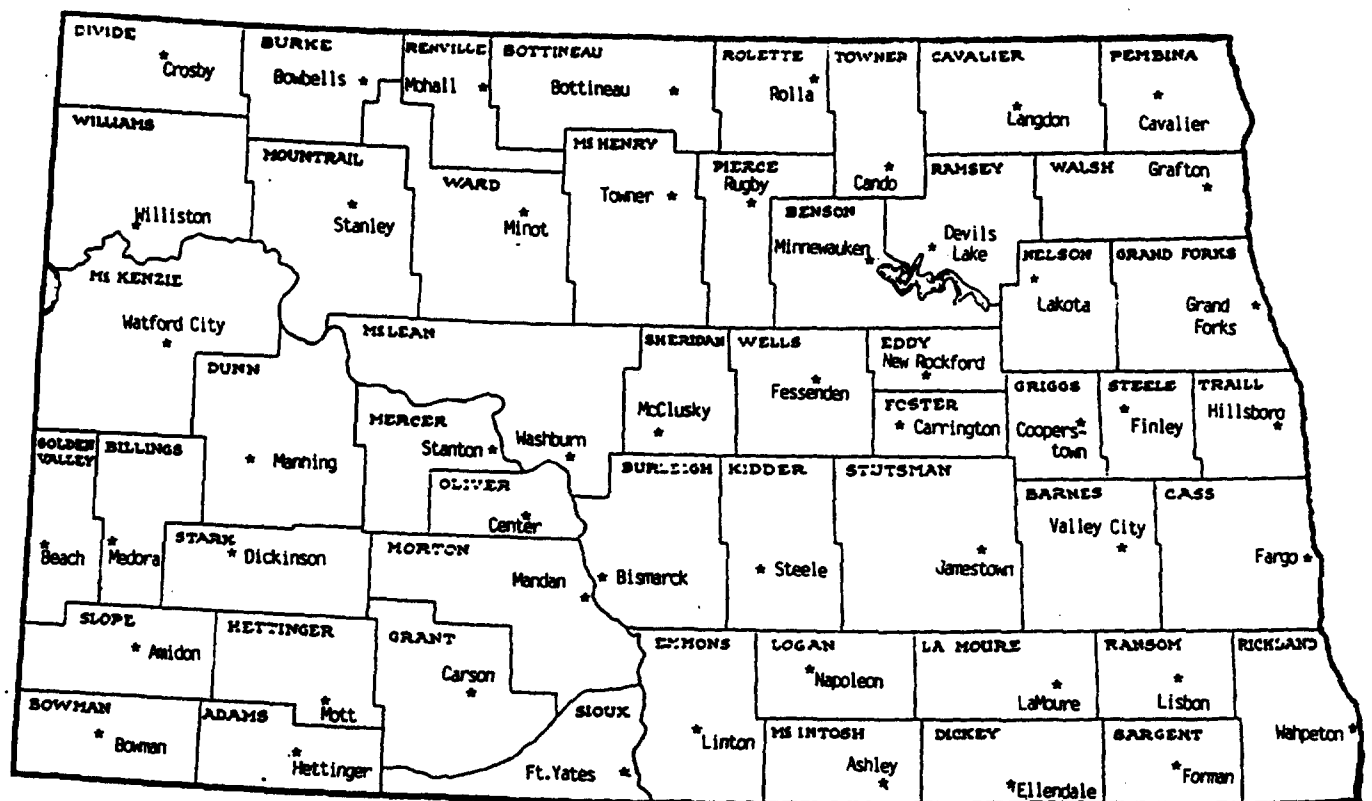
682	Stutsman \ Stark
683	Sheridan \
684	Traill \ Golden Valley \ LaMoure \ Grant \
685	Foster \ Cass \ Griggs \ Richland \ Wells \ Eddy \
686	Burleigh \ Barnes \ Logan \ Dunn \
688	Burleigh \
698	Cass \ Kidder \ Bowman \ McKenzie \
699	Dickey \ Sioux \
700	McLean \
703	Stutsman \ Stark \
704	Traill \ Sheridan \ Golden Valley \ LaMoure \ Grant \
705	Cass \ Griggs \ Richland \ Wells \ Eddy
706	Burleigh \ Barnes \ Logan \ Dunn \
708	Burleigh \
716	Mercer \ Bowman \ Dickey \ Pierce \ Ward
717	Sioux \ Richland \ Ramsey \
718	Stutsman \ Slope \ McLean \ Ward \
719	Rolette \
720	Ransom \ Stark \ Ward \
721	Benson \
722	Sheridan \ Golden Valley \ LaMoure \ Grant \ Williams \
723	Cass \ Wells \ Eddy \ Towner \ Renville
724	Burleigh \ Barnes \ Dunn \ Williams \ Grand Forks \
725	Renville \

726	Williams \ Grand Forks \
727	McHenry \
728	Grand Forks \ Divide
729	Walsh \
736	Adams \ McIntosh \ Pierce \ Ward \ Traill \
737	Morton \ Sargent \ Ramsey \
738	Stustman \ Slope \ McLean \ Ward \
739	Rolette \
740	Ransom \ Stark \ Ward \
741	Benson \ Logan \
742	Richland \ Grant \ Williams \
743	Billings \ Cass \ Wells \ Eddy \ Ramsey \ Renville \
744	Burleigh \ Barnes \ Dunn \
745	Ramsey \ Bottineau \
746	Cass \
748	Grand Forks \ Divide \ Walsh \ Nelson \ Pembina \ Cavalier \ Mountrail \ Burke
750	Walsh \
754	Adams \ McIntosh \ Richland \ Pierce \ Williams \ Grand Forks \
755	Morton \ Renville \
756	Stutsman \ McLean \ Slope \ Rolette \ Williams \
757	Richland \
758	Stark \ Ward \ Towner \ Grand Forks \
759	Stutsman \ Golden Valley \
760	Morton \ Richland \ Ward \ Grand Forks \

761	Cass \
762	Burleigh \ Barnes \ Williams \ Grand Forks \ Bottineau \
764	Grand Forks \ Bottineau \
765	Ramsey \ McHenry \
766	Grand Forks \ Walsh \ Nelson \ Pembina \ Cavalier \ Mountrail \ Burke \
768	Walsh \
774	Mercer \ Emmons \ Adams \ Sargent \ Pierce \ Williams \ Grand Forks \
776	McIntosh \ Hettinger \ McLean \ Williams \ Grand Forks \
777	Rolette \ Renville \
778	Stark \ LaMoure \ Williams \
779	Benson \
780	Morton \ Ward \
781	Cass \ Towner \
782	Burleigh \ Barnes \ Mountrail \
783	Ramsey \
784	Divide \ Bottineau \
785	Ramsey \
786	Walsh \ Nelson \ Pembina \ Cavalier \ Burke \ Grand Forks \
788	Walsh \
794	Emmons \ Hettinger \ Pierce \ Williams \
795	Dickey \ Ramsey \
796	Stark \ Ward \
797	Rolette \ Nelson \
798	Stark \ Ward \

799	Stutsman \ Towner \
800	Morton \ Cass \ Ward \
802	Cass \ Burleigh \ Barnes \ Grand Forks \ Mountrail \
804	Grand Forks \ Divide \ Bottineau \
805	Ramsey \
806	Walsh \ Nelson \ Pembina \ Cavalier \ Burke \
808	Walsh \
814	Emmons \ Hettinger \ Griggs \ Williams \ McHenry \
815	Dickey \
816	Stark \ Cass \ Ward \ Benson \
817	Logan \
818	Stark \ Ward \ Benson \
819	Ransom \
820	Morton \ Ward \ Towner \
821	Cass \
822	Burleigh \ Barnes \ Mountrail \
823	McHenry \
824	Divide \
826	Walsh \ Pembina \ Cavalier \ Burke \

5.4 North Dakota State Map



5.5 Group Assignments for State Agencies:

TOWER	GROUP #	GROUP #
Fortuna	209	240
Columbus	220	230
Bottineau	211	231
Belcourt	218	229
Milton	209	240
Williston	210	239
Tioga	211	238
Blaisdell	219	229
Ryder	218	231
Minot	211	238
Dogden Butte	209	240
Devils Lake	210	239
Arnegard	218	231
Petersburg	220	230
Grand Forks	211	238
Denhoff	210	239
Carrington	219	229
Finley	218	231
Killdeer	209	240
Sentinel Butte	219	230
Dickinson	210	239
Hannover	218	238
New Salem	211	231
Driscoll	209	240
Bismarck	219	230
Cleveland	211	238
Valley City	209	240
Fargo	219	229
Mott	209	229
Raleigh	211	238
Linton	220	229
Wishek	210	239
Bowman	220	230
Merricourt	211	238
Cayuga	210	239
Wahpeton	209	240

"All channels are subject to a priority usage concept. These priorities are from highest to lowest:

Priority 1: Disaster and extreme emergency operations, for mutual aid and interagency communications.

Priority 2: Emergency or urgent operation involving imminent danger to the safety of life or property.

Priority 3: Special event control activities, generally of a pre-planned nature, and generally involving joint participation of two or more agencies.

Priority 4: Routine operations when no other priority in effect; may be used by any agency on shared basis for routine use."

5.6 Assignment Statistics

Maximum field strength for co-channel operation _____ 5 Dbu

5.7 Expansion of Initial Allocation

In the event that the allocation for any county becomes depleted, the Region Review Committee shall meet to make further allocations to said county. Should this occur, the applying agency or entity shall submit the proper license

A P P E N D I X

APPENDIX A

REGIONAL PLANNING COMMITTEE

APPENDIX B

NOTICE OF FIRST PLANNING MEETING, AS SENT OUT OVER THE
NCIC STATE-WIDE COMPUTER SYSTEM

PROOF OF PUBLICATION FROM FIVE STATEWIDE NEWSPAPERS FOR
ADVERTISEMENT OF FIRST MEETING

PROOF OF ANNOUNCEMENT OF THE INITIAL REGIONAL NPSPAC FROM
THE FCC

APPENDIX C

ADJACENT REGION COORDINATION LETTERS

APPENDIX D

NORTH DAKOTA DEMOGRAPHIC INFORMATION

REGION 32 PLANNING COMMITTEE

APPENDIX A

Lyle Gallagher, Region 32 Chairman
ND State Radio Communications
Box 5511
Bismarck, North Dakota 58502-5511
(701)224-2127 FAX (701)224-2126

Duane Czapiewski
UND
Box 8080
Grand Forks, North Dakota 58202
(701)777-3491 FAX (701)777-4132

Russ Watts
Ransom County DEM

Bob McConnell
Bismarck Fire Department
1020 Central Ave.
Bismarck, North Dakota 58501
(701)258-2070

Larry Dale
Mandan Fire Department
110 Collins Ave.
Mandan, North Dakota 58554
(701)667-3288

Jerald Patterson
Jamestown Police Department

REGION 32 PLANNING COMMITTEE

APPENDIX A

Jim Campbell
Grand Forks County DEM
122 S. 5th St. - Office 21
Grand Forks, North Dakota 58201
(701)780-8213 FAX (701)746-2536

Tim Schulte
Public Works, City of G.Forks

Jules Kuhlmann
Grand Forks County DEM
122 S. 5th St. - Office 21
Grand Forks, North Dakota 58201
(701)780-8213 FAX (701)746-2536

Chuck Hale
Electronic Communications, Inc.

Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER**Notice of
Public Safety Communications
Planning**

In December 1987, the Federal Communications Commission released its Final Report and Order on General Docket 87-112, calling for development and implementation of a national public safety communications plan. This plan is to be in accordance with a congressional mandate to develop interoperability between local, state, and federal agencies.

Report and Order 87-112 requires that separate plans be developed for each of 48 regions, covering the whole of the United States. North Dakota is designated as Region 32. The task of convening regional planning committees was assigned to the Associated public-Safety Communications Officers, Inc. (APCO).

The North Dakota Planning Committee will consist of representatives from all interested parties eligible to license public safety frequencies. It will be responsible for developing a statewide plan for use of new spectrum in the 800 MHz frequency bands allocated to Public Safety. In addition, the Committee's plan must account for existing and future use of other frequencies by public entities wishing to use the new spectrum. February 1, 1993 is the FCC's deadline for receipt of regional plans.

The first meeting of the North Dakota Regional Planning Committee will be held October 7, 1992 at 1:30 P.M. in Bismarck at the ND Heritage Center Auditorium on the State Capitol Grounds. Representatives from all agencies and organizations with an interest in public safety frequency utilization are invited to attend and participate in the planning process.

Contact Lyle Gallagher, Region 32 Convenor, at (701)224-2127 for further information.

This Public Notice is in accordance with the FCC's Report and Order in General Docket 87-112, adopted by the FCC on November 24, 1987 and released December 18, 1987. Copies of both the Report and Order and the Final Report are available from the FCC's duplication contractor, Downtown Copy Center, 1114 - 21st N.W., Washington, D.C. 20036. Phone (202)452-1422.

Affidavit of Publication

State of North Dakota)

County of Burleigh }

Laurie Graveline, being duly sworn, state as follows:

1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.

2. The newspapers listed on the exhibits published the advertisement of:

92093MND "Federal Communications", 1 time(s) as required
by law or ordinance.

3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

Signed: Laurie A Graveline

Subscribed and sworn to before me this 29 day of September A.D. 19 98.

Cheryl Speckmann
Notary Public, State of North Dakota Exp 2-20-98



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET N.W.
WASHINGTON, D.C. 20554

24819

News media information 202/632-5050. Recorded listing of releases and texts 202/632-0002.

September 16, 1992

**ANNOUNCEMENT OF THE INITIAL
REGIONAL PUBLIC SAFETY PLANNING MEETING
FOR NORTH DAKOTA**

The purpose of this Public Notice is to announce the initial meeting of the North Dakota Public Safety Regional Planning Committee.

DATE/TIME: October 7, 1992/1:30 PM

LOCATION: North Dakota Heritage Center Auditorium
State Capitol Grounds
Bismarck, ND 58505

CONVENOR: Lyle V. Gallagher
State Frequency Coordinator
North Dakota State Radio Communications
Box 5511
Bismarck, ND 58502-5511
(701) 224-2127
FAX (701) 224-2126

All parties located in North Dakota (Region 32) who are interested in participating in the public safety planning process are encouraged to contact the convenor listed above for further information.

- FCC -

APPENDIX C

National Public Safety Plan

FCC Region 25

Planning Committee

Committee-at-Large

Jim Adkins
Mt. Deaconess Medical Center

Charles Aron, Jr. †
Columbus Hospital

John Benson
West Yellowstone EMS/Fire

Allen Bertapelle †
Mt. Private Ambulance Operators

Bob Cardwell
General Electric

Drew Dawson †
EMS Bureau

Elmer Davis
Dept. of Fish, Wildlife, and Parks

Jerry Dupler
Department of Transportation

Bob DeLange
Department of State Lands

Bill Flener †
Mt. Sheriffs & Peace Off. Assoc.

Jesse Y. Gonzalez †
Billings 9-1-1

Fred Guardipee
Blackfoot Tribal EMS

Don Houghton
Gallatin Co. Sheriffs Office

Jim Kraft
Yellowstone County DES

Charlie Larson †
Montana Highway Patrol

Franklin Mick Miller
Lincoln County DES

Rick Newby †
Miles City Police Department

Richard A. Niebet †
City of Helena

Ray Nordhagen
City of Missoula

Douglas Pitt †
Mt. State Fire Chiefs Association

Chuck Rhodes †
Flathead Co. Search and Rescue

Clark Robinson
Gallatin County

John Skaggs
Motorola

Midge Warrington
Cascade County 9-1-1

Homer Young
Mt. Disaster & Emergency Svcs. Div.

† Member of Working Committee

Bill Jameson, Chairman
Montana State University

Dan Hawkins, Plan Coordinator
Department of Administration

Electrical Engineering
Montana State University
Bozeman, Montana 59717
December 29, 1992

Mr. Lyle V. Gallagher
Chairman, Region 32
North Dakota State Radio Communications
P.O. Box 5511
Bismark, ND 58502-5511

Dear Lyle:

With channel #s 744, 746 and 764, assigned to Williams County, removed from the North Dakota Plan, Region 25 concurs in the Region 32 Plan.

Sincerely,

Bill Jameson
W. J. Jameson, Jr.
Chairman

cc: Dan Hawkins

800
MHz

APPENDIX C
Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER

December 28, 1992

W.J. Jameson, Jr., Chairman
Region 25 NPSPAC
Electrical Engineering
Montana State University
Bozeman, Montana 59717

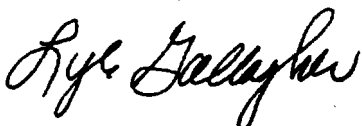
Dear Bill:

In reference to your letter of December 21, 1992, regarding
Region 32's plan.

Channels 744, 746 and 764 have been removed from Williams
County, we hope that this will result in the approval of
the Region 32 plan.

Thank you for your cooperation and assistance.

Sincerely



Lyle V. Gallagher
Region 32 Chairman
(701-224-2127)
(701-224-2126 FAX)

APPENDIX C

National Public Safety Plan FCC Region 25 Planning Committee

Committee-at-Large

Jim Adkins
Mt. Deaconess Medical Center

Charles Aron, Jr. †
Columbus Hospital

John Benson
West Yellowstone EMS/Fire

Allen Bertapelle †
Mt. Private Ambulance Operators

Bob Cardwell
General Electric

Drew Dawson †
EMS Bureau

Elmer Davis
Dept. of Fish, Wildlife, and Parks

Jerry Dupler
Department of Transportation

Bob DeLange
Department of State Lands

Bill Fleiner †
Mt. Sheriffs & Peace Off. Assoc.

Jesse Y. Gonzalez †
Billings 9-1-1

Fred Guardipee
Blackfoot Tribal EMS

Don Houghton
Gallatin Co. Sheriffs Office

Jim Kraft
Yellowstone County DES

Charlie Larson †
Montana Highway Patrol

Franklin Mick Mills
Lincoln County DES

Rick Newby †
Miles City Police Department

Richard A. Nisbet †
City of Helena

Ray Nordhagen
City of Missoula

Douglas Pitt †
Mt. State Fire Chiefs Association

Chuck Rhodes †
Flathead Co. Search and Rescue

Clark Robinson
Gallatin County

John Skaggs
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Cascade County 9-1-1

Homer Young
Mt. Disaster & Emergency Svcs. Div.

† Member of Working Committee

Bill Jameson, Chairman
Montana State University

Dan Hawkins, Plan Coordinator
Department of Administration

Electrical Engineering
Montana State University
Bozeman, Montana 59717
December 21, 1992

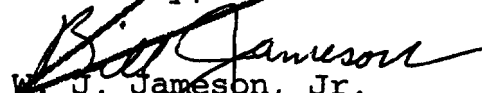
Mr. Lyle V. Gallagher
Chairman, Region 32
North Dakota State Radio Communications
P.O. Box 5511
Bismark, ND 58502-5511

Dear Mr. Gallagher:

We have reviewed the Region 32 Plan and have discovered a conflict with three Montana State-wide channels which will require protection along border counties. The channels are #s 744, 746 and 764 assigned to ~~William County~~. Dan Hawkins has discussed the matter with APCO, so they are aware of the problem.

Until this conflict is resolved, Region 25 cannot concur in the Region 32 Plan. As soon as the matter is resolved, however, we will respond as quickly as possible, by FAX, to your request for concurrence.

Sincerely,


Bill Jameson, Jr.
Chairman

cc: APCO
Dan Hawkins

APPENDIX C

Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER

December 10, 1992

W.J. Jameson, Jr., Chairman
NPSPAC Region 25
Dept. of Electrical Engineering
Montana State University
Bozeman, Montana 59717

Dear Mr. Jameson:

Enclosed is our final draft Public Safety Plan for Region 32, the State of North Dakota. This plan has been developed and approved by our Regional Planning Committee. It is submitted for your review and coordination as required by F.C.C.

If your region does not find any conflicts with our proposal, please indicate by signing below and returning within ten (10) days of the date of this letter.



Signature

12/11/92

Date

Lyle V. Gallagher
Region 32 Chairman

Region 25 has reviewed and concurs with the Region 32 National Public Safety Plan.

Signature

Date

APPENDIX C

Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER

December 10, 1992

Harry Hillegas, Chairman
NPSPAC Region 22
Hennepin County
300 S. 6th St - Room A-023
Minneapolis, MN 55487-0001

Dear Mr. Hillegas:

Enclosed is our final draft Public Safety Plan for Region 32, the State of North Dakota. This plan has been developed and approved by our Regional Planning Committee. It is submitted for your review and coordination as required by P.C.C.

If your region does not find any conflicts with our proposal, please indicate by signing below and returning within ten (10) days of the date of this letter.



Signature

12/11/92

Date

Lyle V. Gallagher
Region 32 Chairman

Region 22 has reviewed and concurs with the Region 32 National Public Safety Plan.

Signature

Date

Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER

December 10, 1992

Todd Dravland, Chairman
NPSPAC Region 38
South Dakota Communications
500 E. Capitol
Pierre, South Dakota 57501-5060

Dear Mr. Dravland:

Enclosed is our final draft Public Safety Plan for Region 32, the State of North Dakota. This plan has been developed and approved by our Regional Planning Committee. It is submitted for your review and coordination as required by F.C.C.

If your region does not find any conflicts with our proposal, please indicate by signing below and returning within ten (10) days of the date of this letter.

Lyle V. Gallagher
Signature

12/11/92
Date

Lyle V. Gallagher
Region 32 Chairman

Region 38 has reviewed and concurs with the Region 32 National Public Safety Plan.

Todd Dravland
Signature

12/14/92
Date

Associated Public-Safety Communications Officers, Inc.

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NORTH DAKOTA CHAPTER

December 10, 1992

Bill Smith, Chairman
NPSPAC Region 46
Wyoming Highway Department
Box 1708
Cheyenne, Wyoming 82002-9019

Dear Mr. Smith:

Enclosed is our final draft Public Safety Plan for Region 32, the State of North Dakota. This plan has been developed and approved by our Regional Planning Committee. It is submitted for your review and coordination as required by F.C.C.

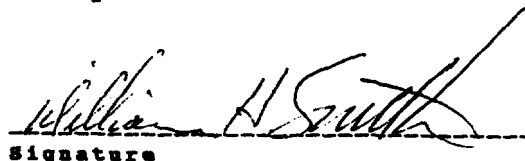
If your region does not find any conflicts with our proposal, please indicate by signing below and returning within ten (10) days of the date of this letter.


Signature

Lyle V. Gallagher
Region 32 Chairman

12/11/92
Date

Region 46 has reviewed and concurs with the Region 32 National Public Safety Plan.


Signature

12-15-92
Date